

FIG. 1

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

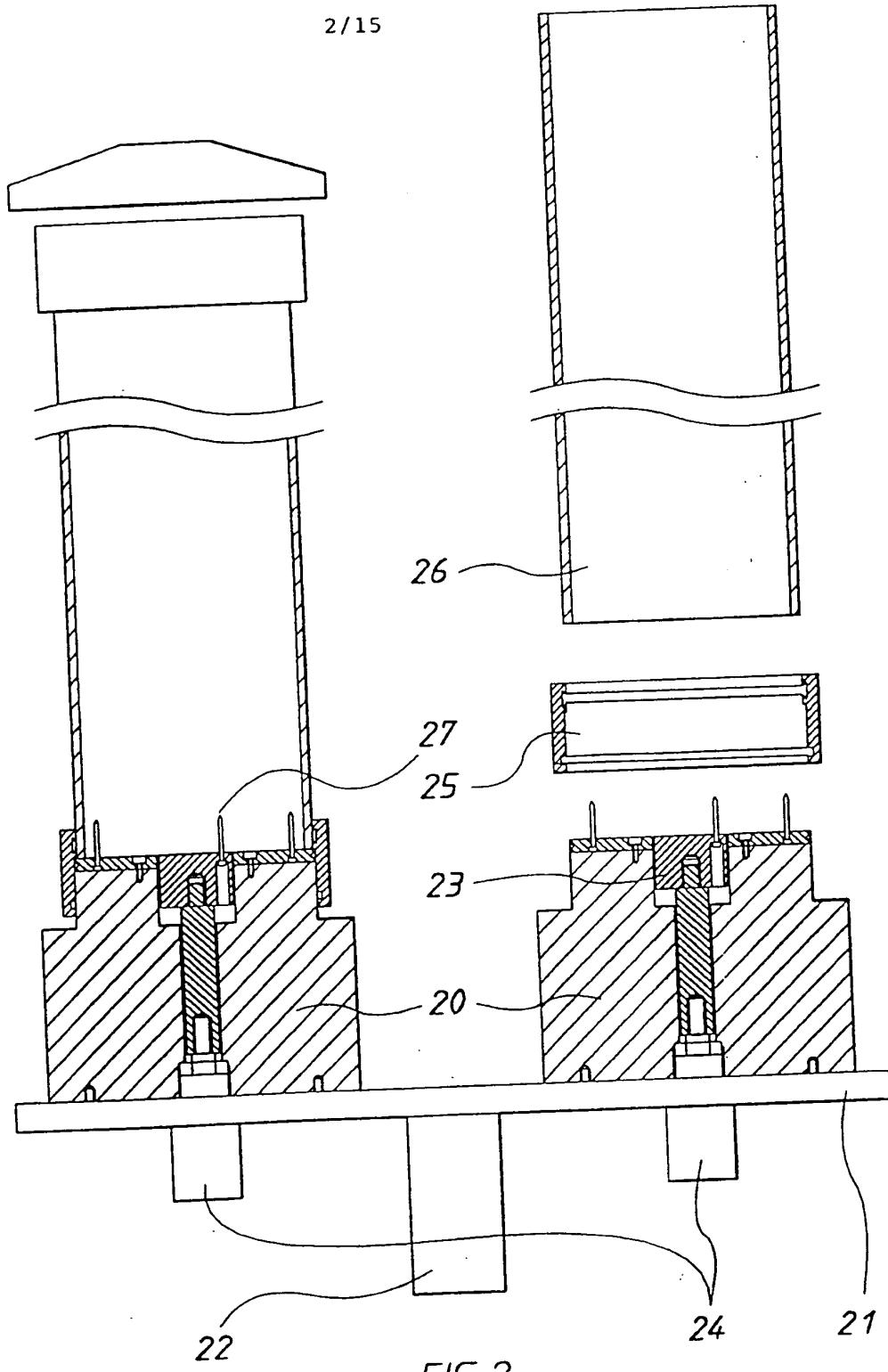


FIG.2

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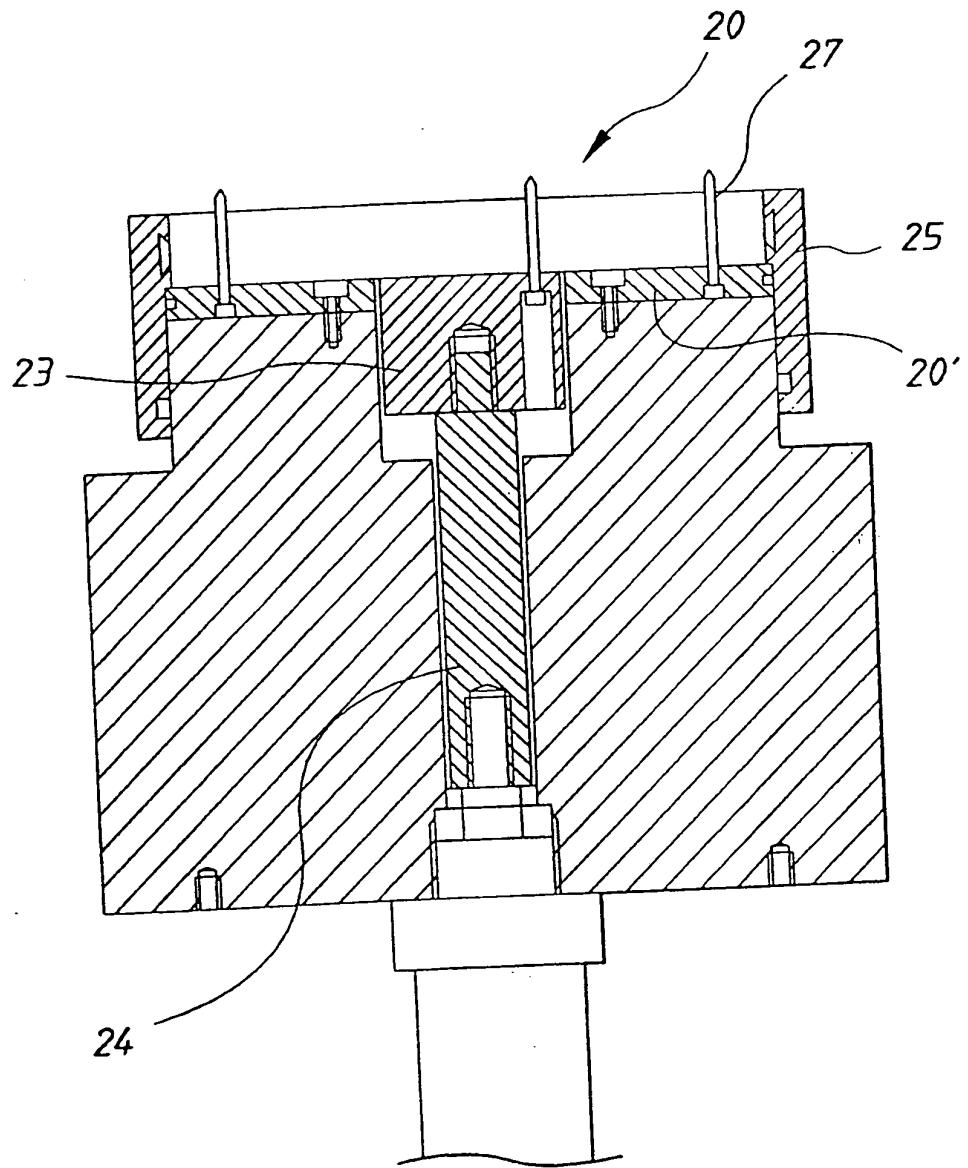


FIG. 3

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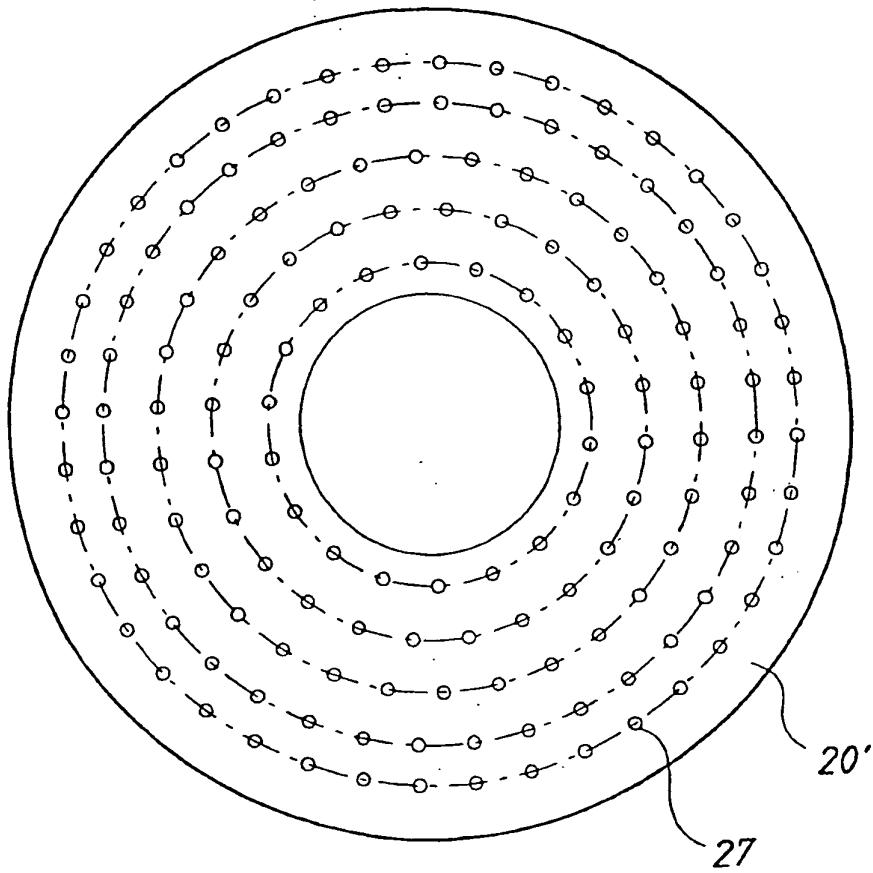


FIG.4A

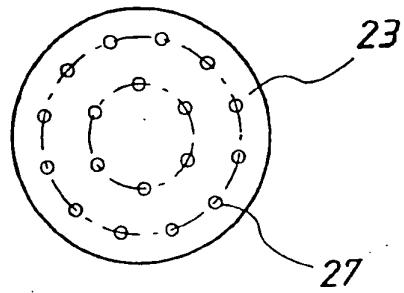
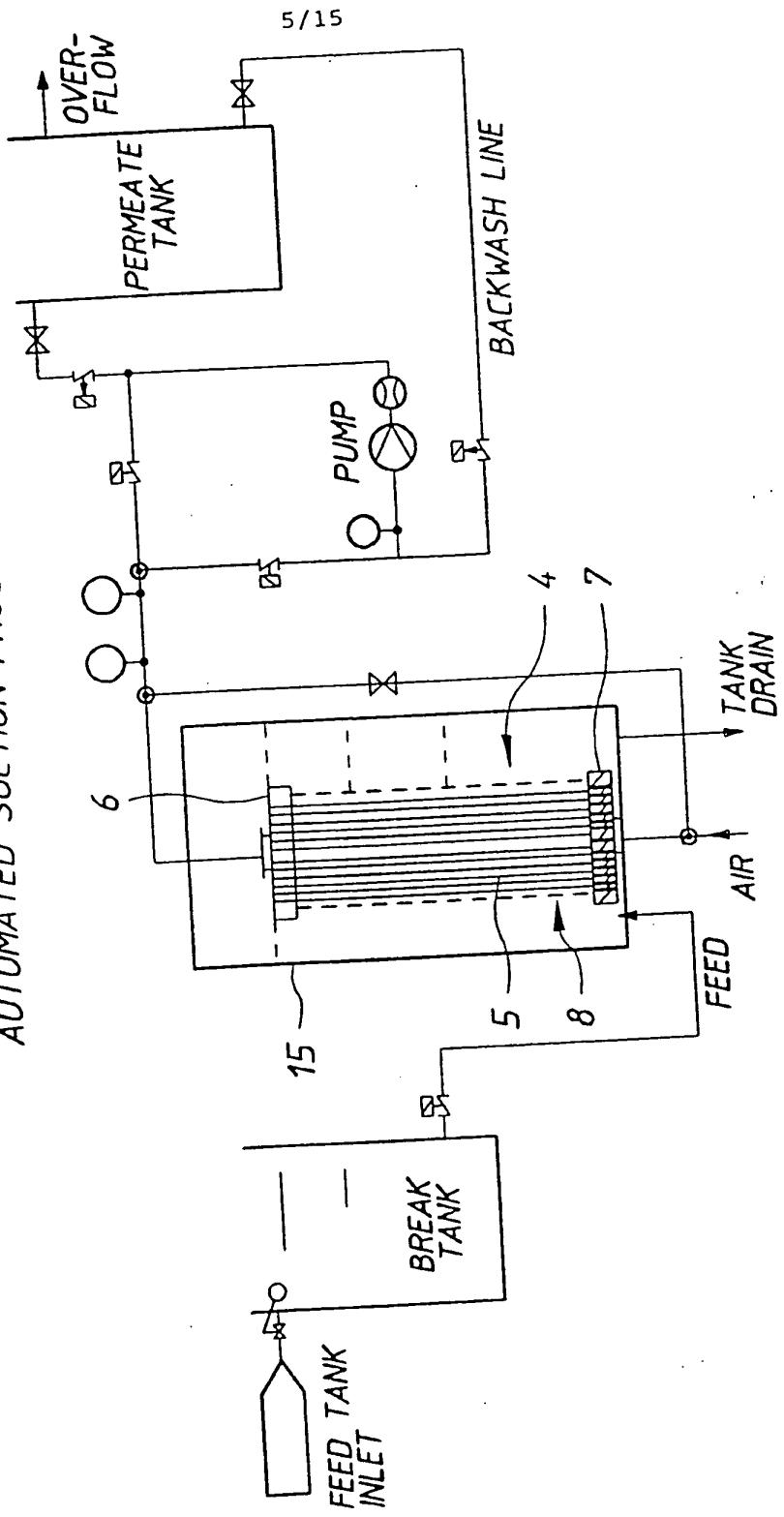


FIG.4B

**AUTOMATED SUCTION PROCESS**



**FIG. 5**

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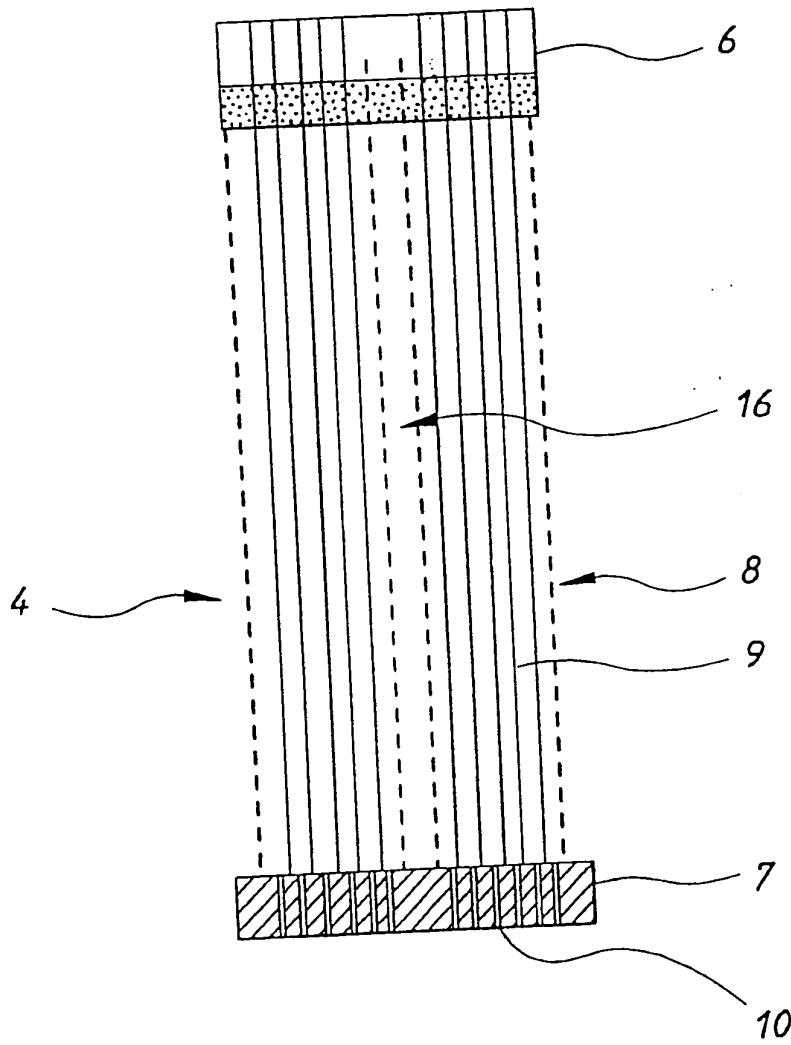


FIG.6

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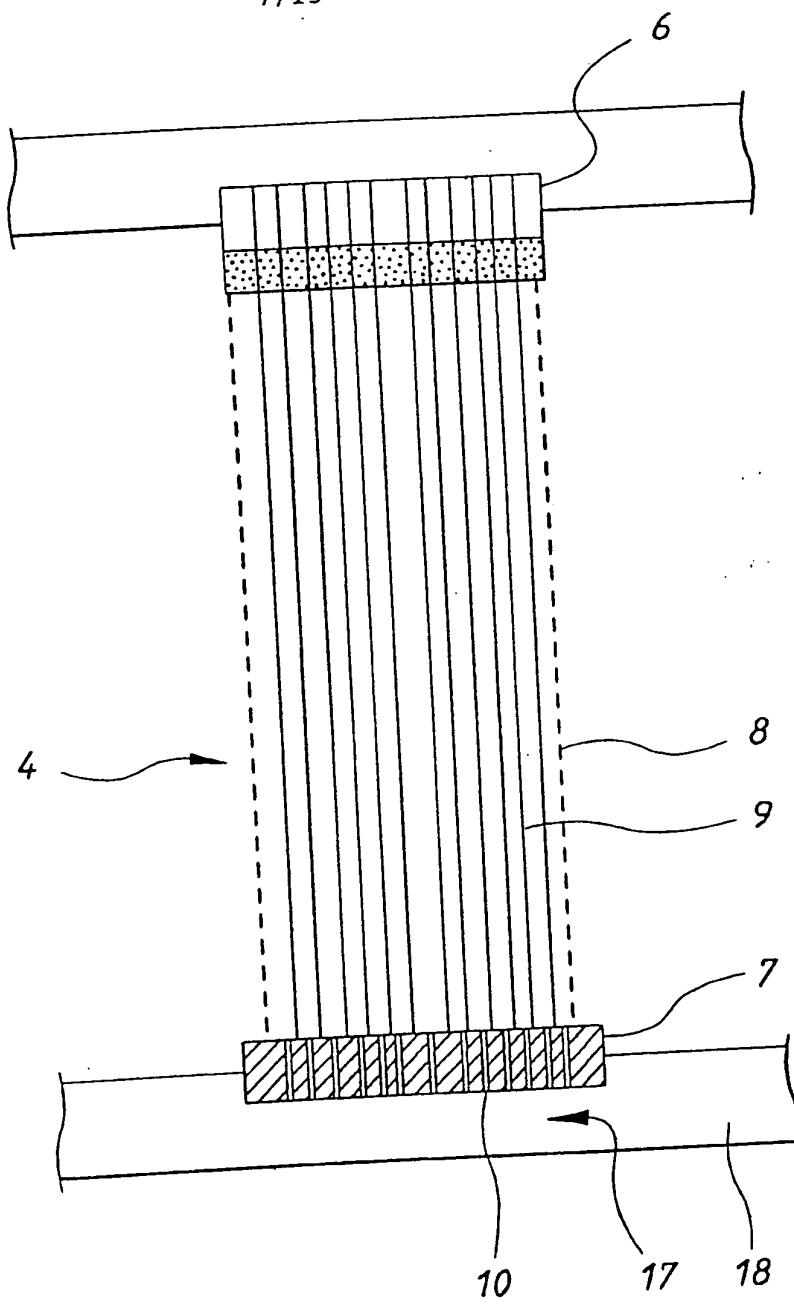


FIG.7

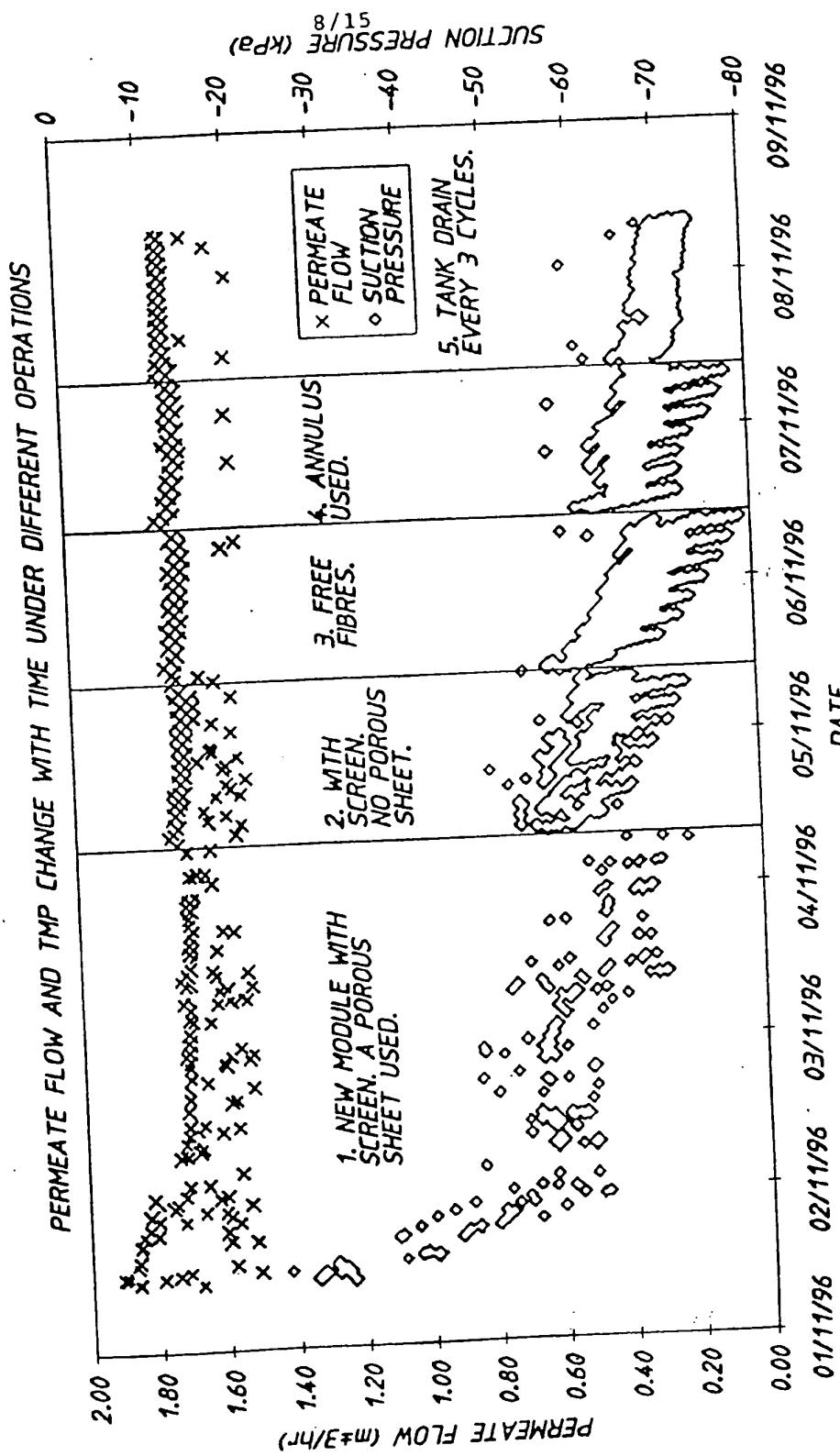


FIG.8A

SUCTION RESISTANCE CHANGE WITH TIME UNDER DIFFERENT OPERATIONS

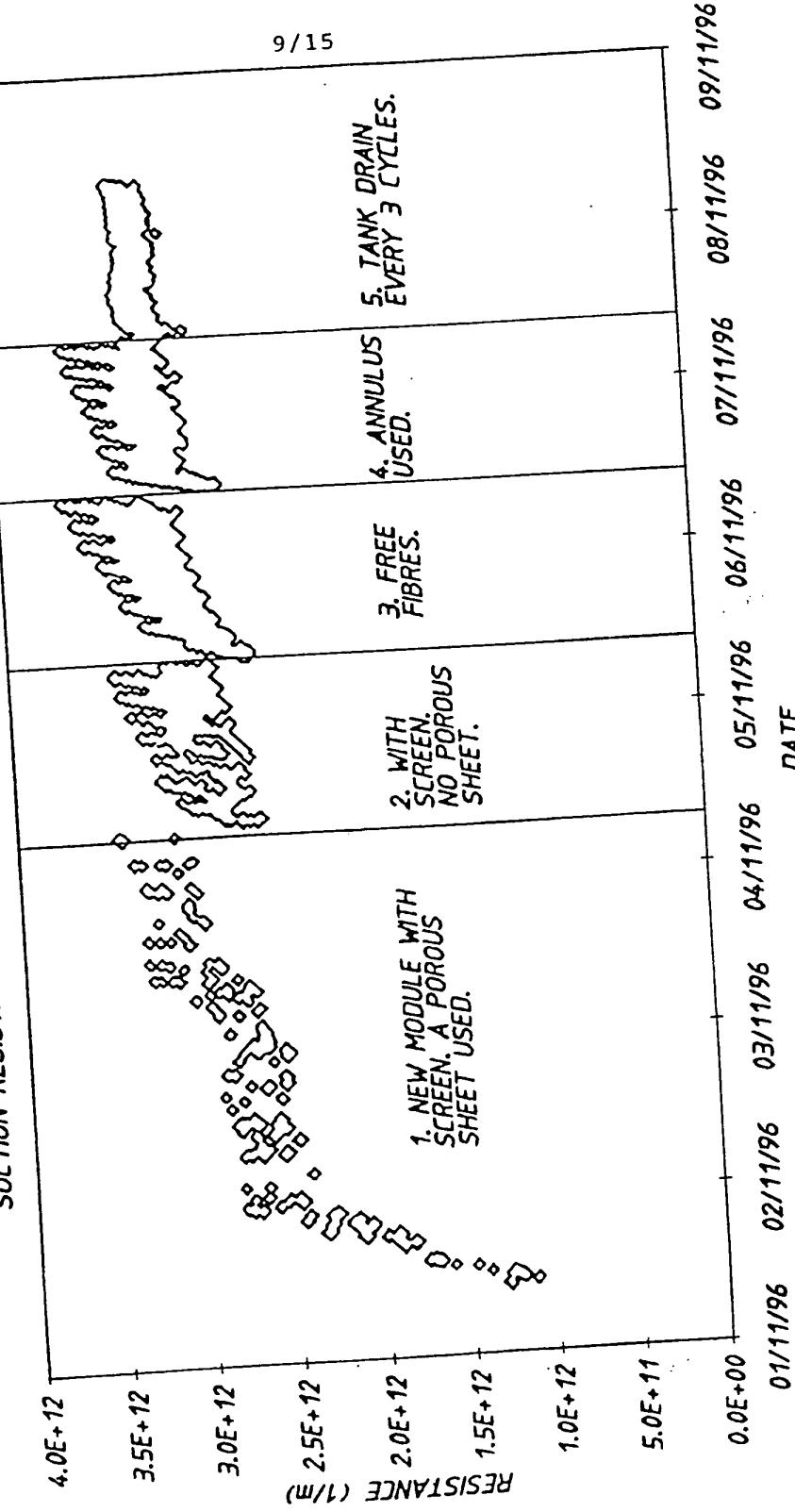


FIG. 8B

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10/15  
10/15  
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RESISTANCE CHANGE WITH TIME - SUCTION FOR 30 MINUTES AND DRAIN DOWN EVERY 2 CYCLES

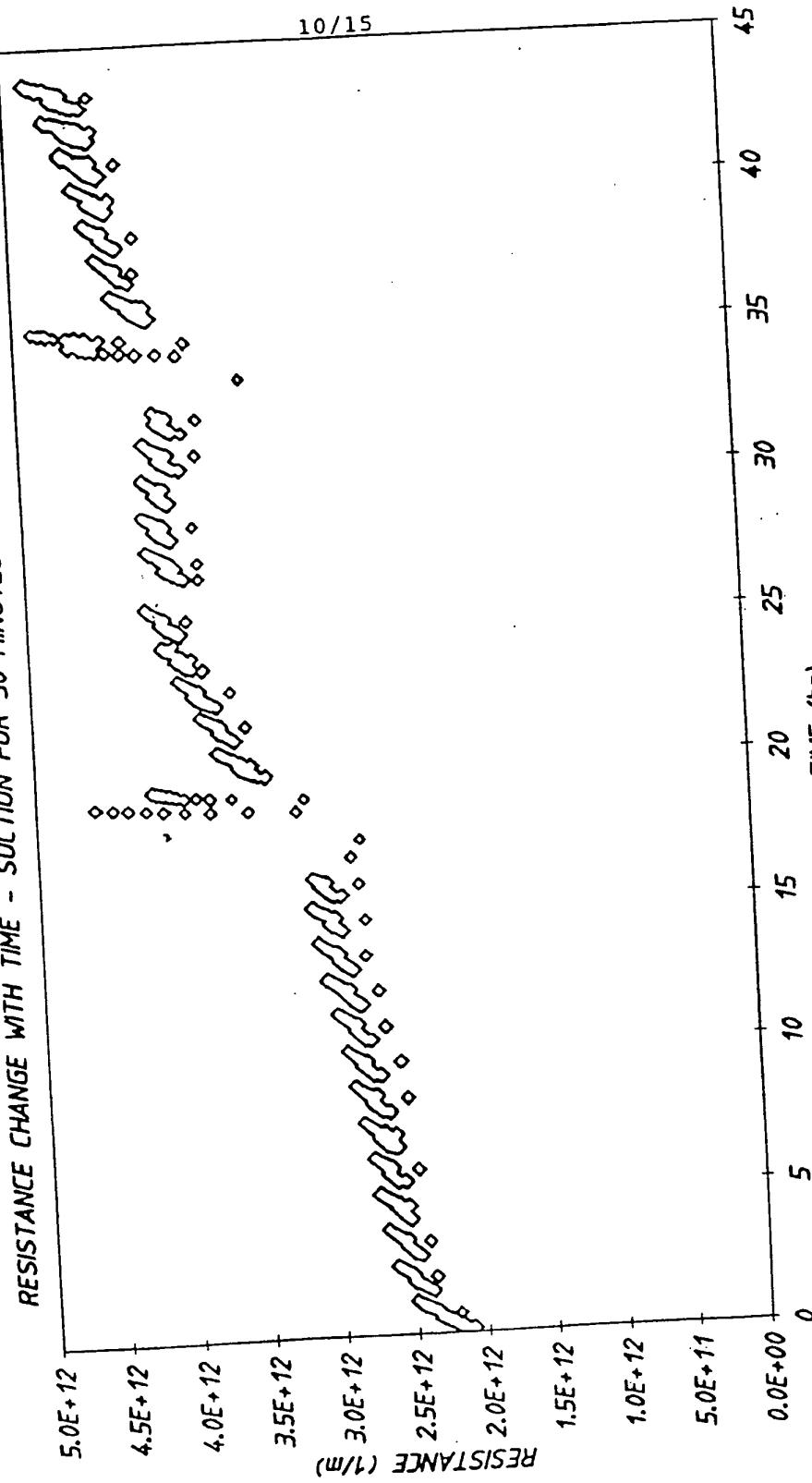
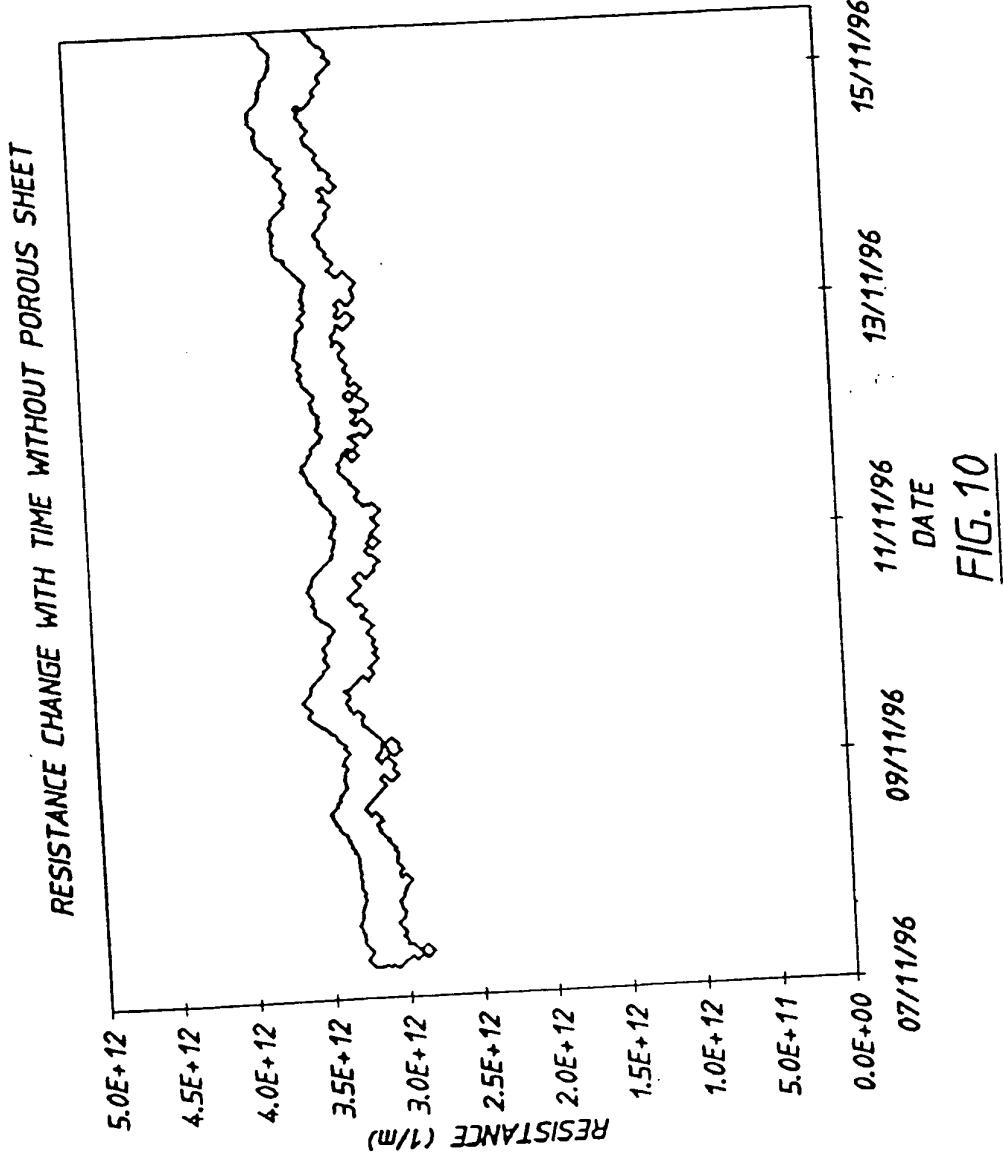


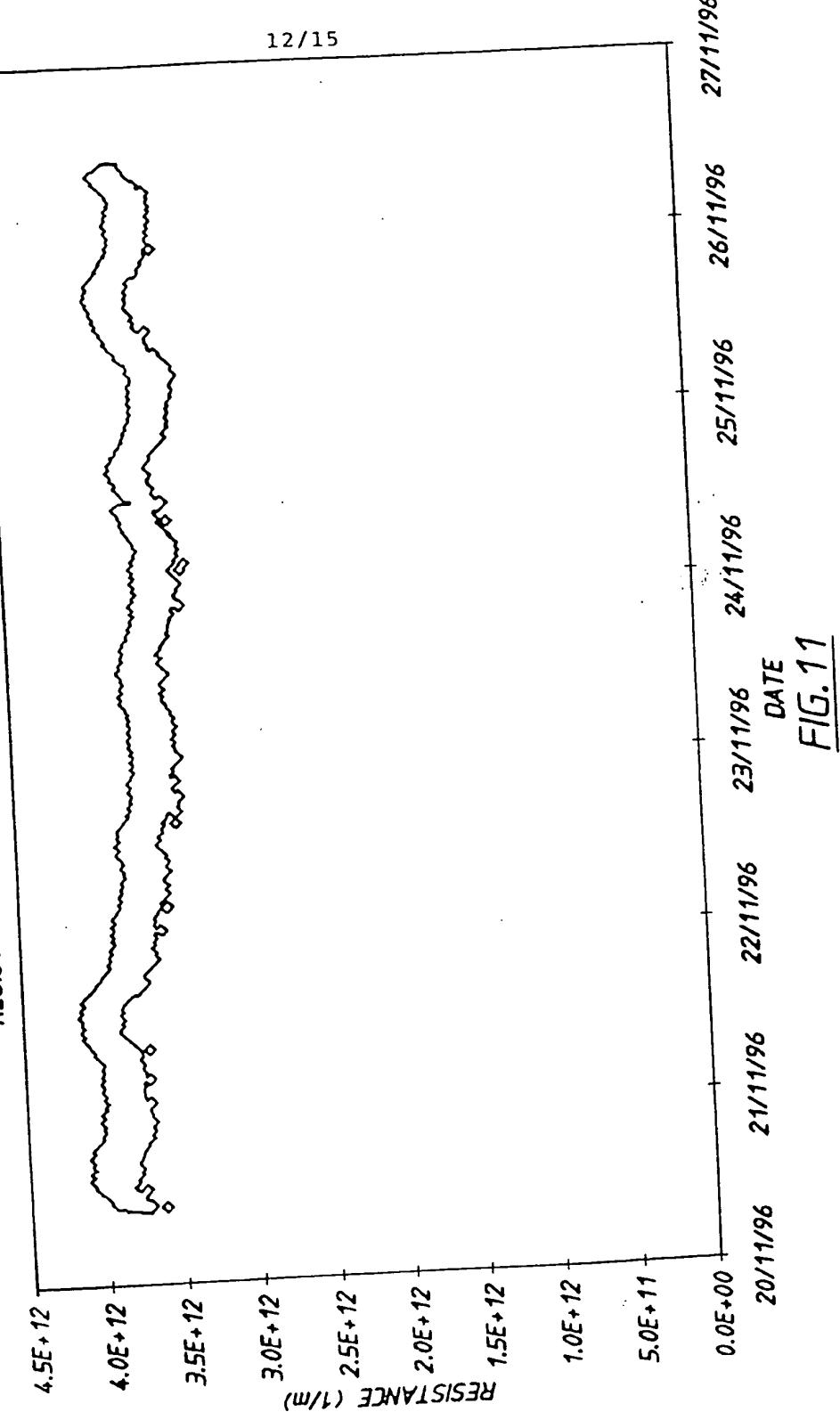
FIG. 9

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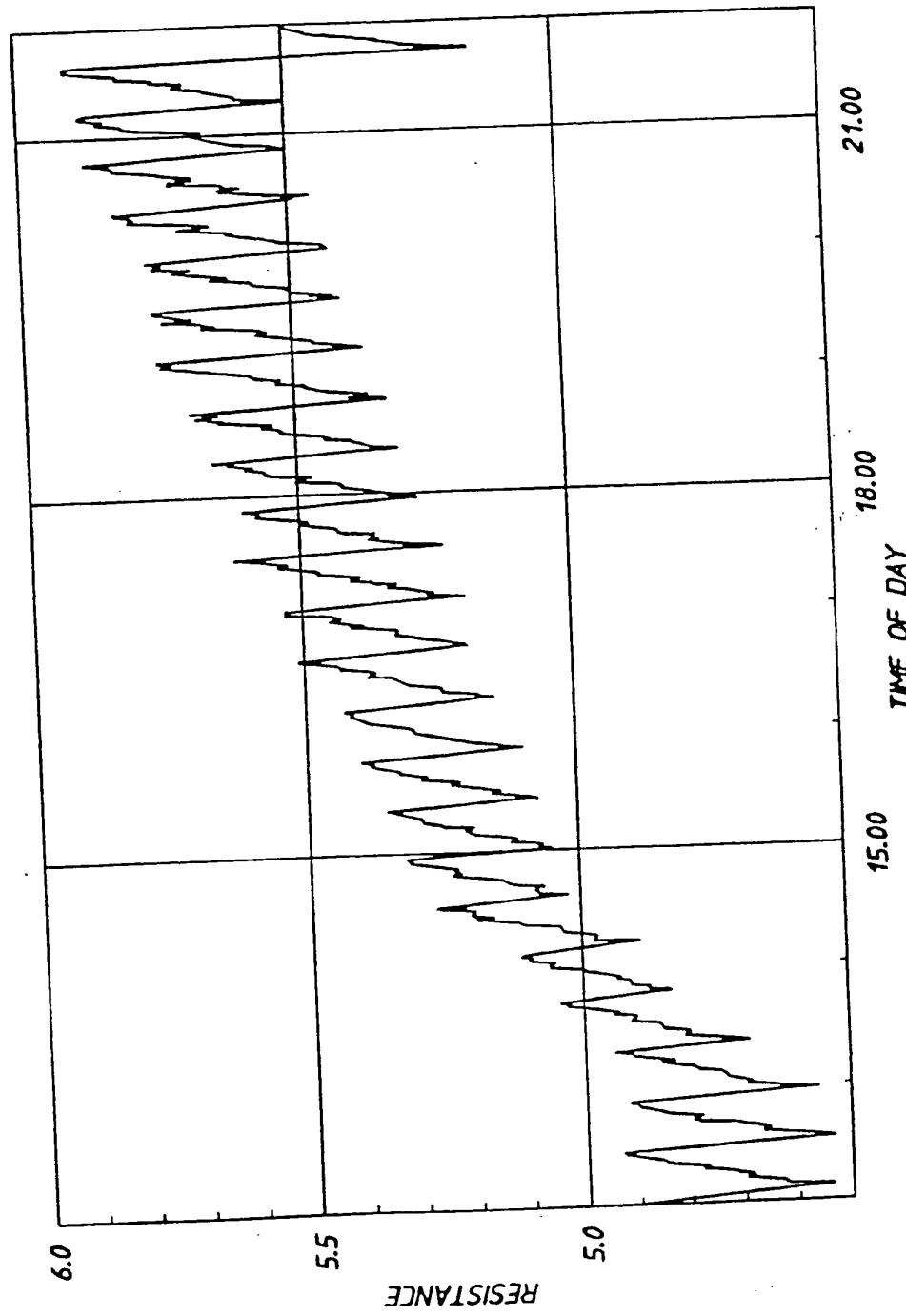
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RESISTANCE CHANGE WITH TIME WITH POROUS SHEET



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TIME OF DAY  
FIG. 12

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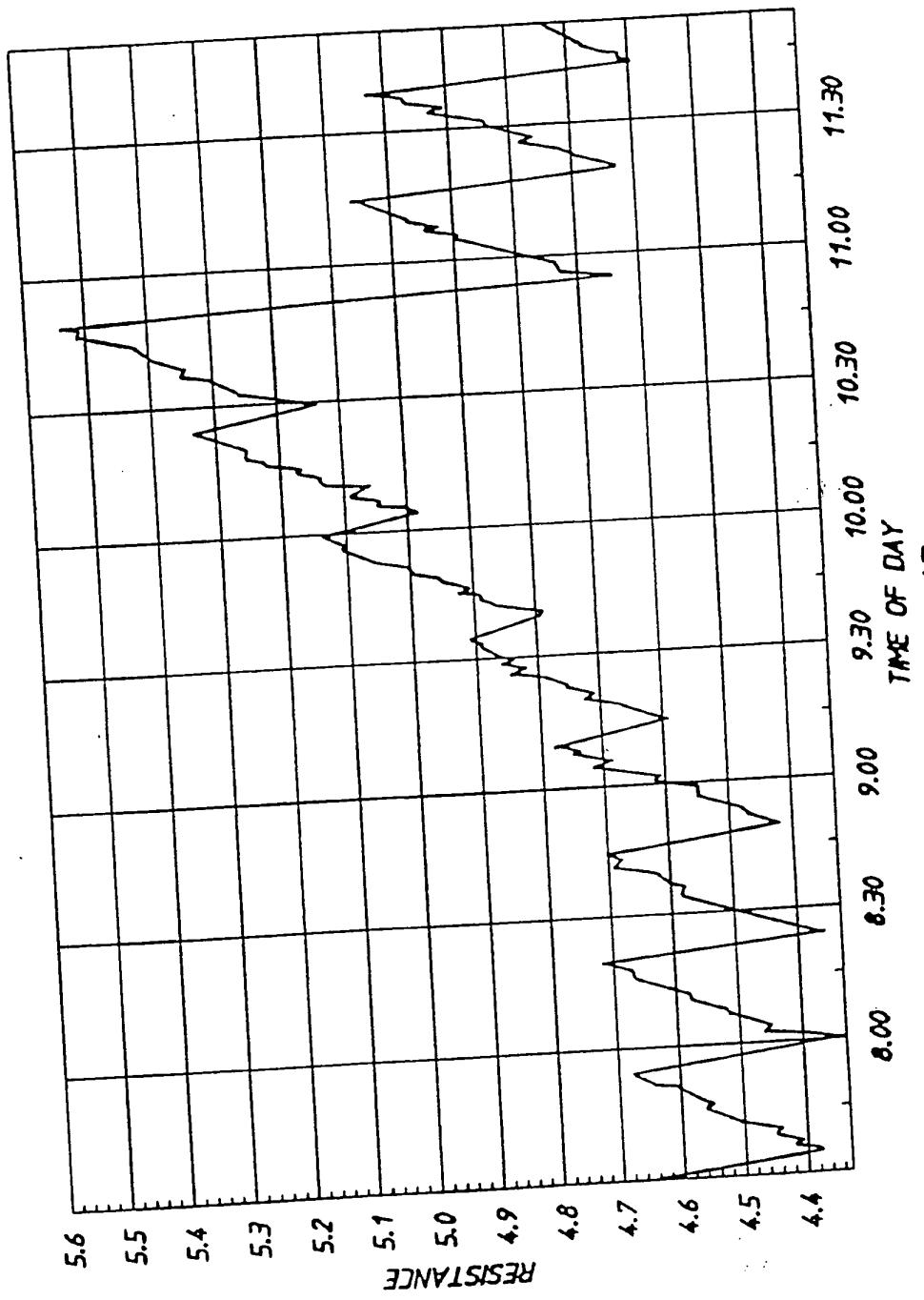


FIG. 13

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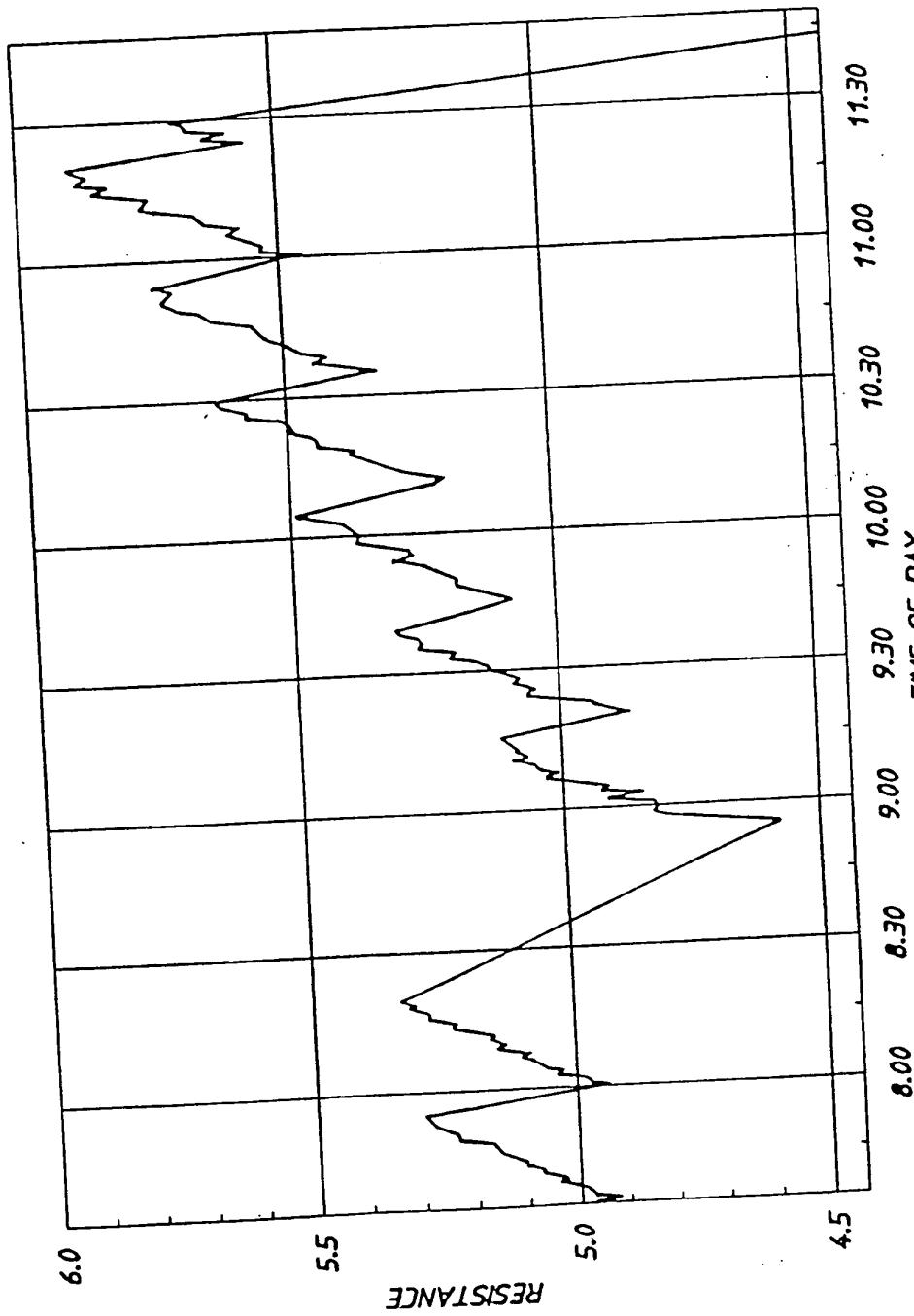


FIG. 14

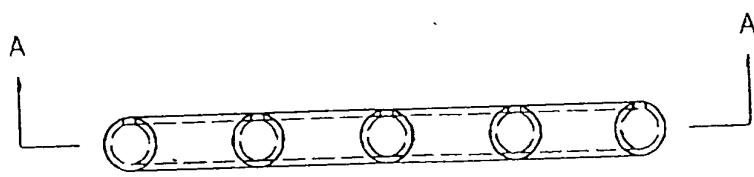


Figure 15a.

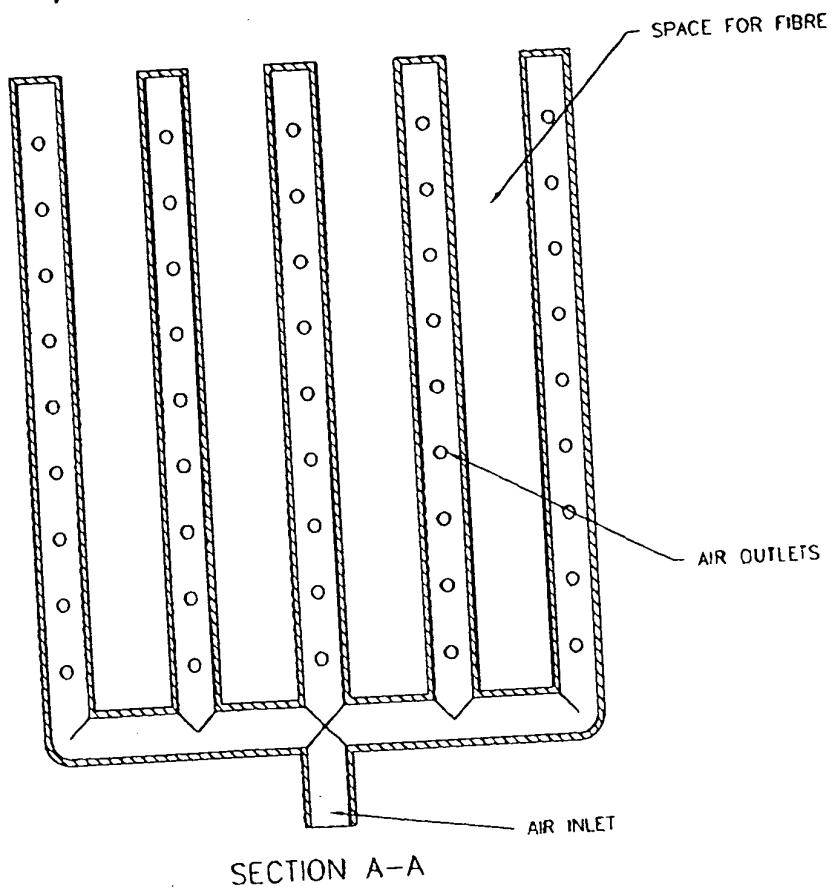


Figure 15b.

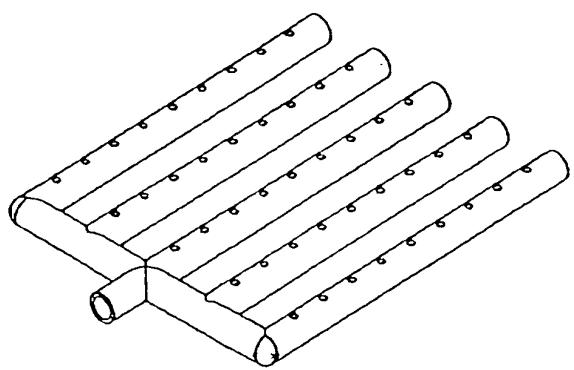


Figure 15c.